

[001]       BAFFLE SECURED AT A DISTANCE FROM THE INNER ~~FIXED AT A~~  
~~SEPARATION FROM THE INTERNAL WALL OF AN~~ GLASS-LINED  
ENAMELLED CONTAINER BY MEANS OF A LOCAL CONNECTION

[002]               This application is a national stage completion of PCT/FR03/03772 filed  
December 17, 2003 which claims priority from French Application Serial No.  
03/00607 filed January 21, 2003.

[003]       FIELD OF THE INVENTION

[005]       BACKGROUND OF THE INVENTION

[016]       SUMMARY OF THE INVENTION

[042]       BRIEF DESCRIPTION OF THE DRAWINGS

[055]       DETAILED DESCRIPTION OF THE INVENTION

1-20. (CANCELED)

21. (NEW) A baffle secured to a glass-lined internal wall of a container capable of being equipped with a system of circulation of coolant, the baffle being secured to and held at a distance from the adjacent internal wall (12) of the container or tank (1) and relative to the adjacent internal wall (12) and locally with this the adjacent internal wall (12) by at least one local connection (15) whose greatest dimension is lower than the length of the baffle, an external surface of the baffle and the local connection is glass-lined upon the glass-lining process and after being secured to the internal wall (12).

22. (NEW) The baffle according to claim 21, wherein the baffle is a solid body.

23. (NEW) The baffle according to claim 21, wherein the baffle is a hollow body.

24. (NEW) The baffle according to claim 23, wherein a hollow interior space (16) of the baffle (14) has a connecting fluid path, via the local connection (15), with fluid of a heating or cooling system of the container for circulation of fluid.

25. (NEW) The baffle according to claim 21, wherein the local connection (15) is essentially located at a vertical middle of the baffle (14).

26. (NEW) The baffle according to claim 21, wherein the local connection (15) is located near a lower edge of the baffle (14).

27. (NEW) The baffle according to claim 21, wherein a body of the baffle exhibits a generally flat form similar to a board, mainly vertical and perpendicular to the internal wall (12) of the container (1), with rounded edges and angles.

28. (NEW) The baffle according to claim 21, wherein a body of the baffle takes the general shape of a "hockey stick".

29 (NEW) The baffle according to claim 21, wherein a body of the baffle is curved, at one or more of a vertically higher or lower part and on a side edge.

30. (NEW) The baffle according to claim 21, wherein the form of a cross section of a body of the baffle is mainly rectangular and has rounded edges.

31. (NEW) The baffle according to claim 21, wherein a body of the baffle exhibits convex sides.

32. (NEW) The baffle according to claim 21, wherein a body of the baffle exhibits one of concave or convex sides.

33. (NEW) The baffle according to claim 21, wherein the form of a section presents at least an undulation on one of the sides of the baffle.

34. (NEW) The baffle according to claim 21, wherein a body of the baffle is secured to the internal wall in an appreciably tilted presentation compared to a longitudinal axis of the container.

35. (NEW) The baffle according to claim 21, wherein the baffle is secured in skew relative to the internal wall (12) of the container (1).

36. (NEW) The baffle according to claim 35, wherein an end of a body of the baffle is close to the adjacent internal wall and in that its opposite end is further away from the adjacent internal wall.

37. (NEW) A container intended to be glass-lined, the container comprising baffle secured to a glass-lined internal wall of a container capable of being equipped with a system of circulation of coolant, the baffle being secured to and held at a distance from the adjacent internal wall (12) of the container or tank (1) and relative to the adjacent internal wall (12) and locally with this the adjacent internal wall (12) by at least one local connection (15) whose greatest dimension is lower than the length of the baffle, an external surface of the baffle and the local connection is glass-lined upon the glass-lining process and after being secured to the internal wall (12).

38. (NEW) The container according to claim 37, wherein the container includes several baffles (14) distributed regularly.

39. (NEW) The container according to the claim 37, wherein the container includes several baffles (14) laid out appreciably along a theoretical curve relative to the internal wall (12) of the container (1).

40. (NEW) The container according to claim 39, wherein the theoretical curve is a helix.